

Abstract

A computerized security system which enhances the security provided by watchdogs on a given premises by analyzing the auditory and physiological indications given by the dogs to assess the level of security at any point in time. By attaching sensors to the dogs and placing microphones in their proximity the system continuously collects information about the dogs' auditory and physiological behavior, and according to predetermined parameters it assesses the watchdogs' physiological and emotional state. Having concluded that any of the dogs sense a threat or has been neutralized in any way the system may update the state of security on the users' security terminals. The system determines between three possible security states: no alert when no irregular activity is registered, medium alert if the dogs indicate a state of moderate alertness and high incase there are indications for a definite hostile presence.

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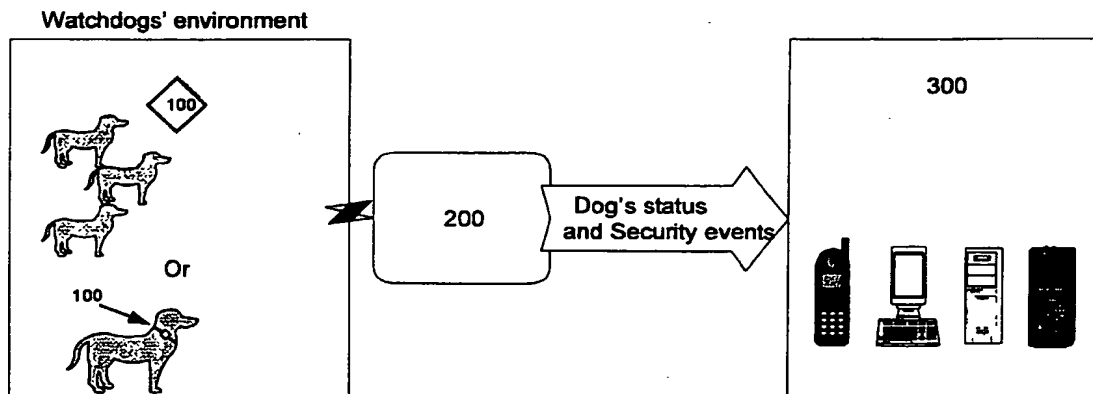
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